



Alessandro Cei

iOS Developer

I am a developer with a passion for **problem-solving** and a dedication to delivering quality software solutions.

With **experience in team-working** and managing projects independently, I am always eager to **learn and contribute** my skills to a dynamic development environment.

Experience

Hakulele App

Jul 2023 - today

Owner, iOS Developer

I am the Software Developer of this **ukulele tuner app**, distributed on the App Store. In the current version of this project, I had the opportunity to work with third party frameworks to **convert audio into frequencies**, in order to detect how tuned a played chord is; also, SwiftUI's ease-of-use allowed me to quickly deliver **dynamically generated views**, avoiding an overload of image assets inside the app.

Apple Developer Academy - Naples

Jul 2022 - Jun 2023

Pier Program - Developer

I followed a project in collaboration with an international NGO: Barefoot College International. During this time, I was responsible for contributing to the **development of a suite of apps** (one for iPhone, one for iPad, and a framework shared by the two), being included in a **4-year old codebase**.

This taught me to **adapt to compatibility requirements** both regarding technologies (the target of the iPhone app was iOS 12, so UIKit was the only framework that could be used) and coding style, to keep the projects as clean and performant as possible.

As a frontend developer, I was fully trained in **UI implementation** (UIKit, SwiftUI), **networking** (calls to a remote FileMaker database, handled either via completion handlers or via async/await, depending on the projects), and **local data persistence** (CoreData).

Education

Apple Developer Academy - Naples

Sep 2021 - Jun 2022

Student Program - iOS Developer

Università degli Studi di Pavia

Sep 2017 - Apr 2020

Bachelor Degree in Management

Newpeople Team S.r.l.

Academic Year 2016

Graphic Design course
Certificate of Attendance

info

Birth-date >

19th March 1994
Pavia, Italy

Address >

via G. Orbelli, 12
Dorno (PV), Italy

Nationality >

Italian

languages

English >

fluent

Spanish >

intermediate

contacts

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tools

- Xcode
- App Store Connect
- GitHub
- Figma
- Miro
- Notion
- Photoshop
- Illustrator

Digital Skills

iOS Development

UI implementation with both UIKit and SwiftUI,
Local Data Persistence with CoreData,
External API interactions,
(e.g. communication with a remote FileMaker database)
MVC and MVVM Design Patterns.

Web Development

HTML/CSS,
JavaScript/jQuery.

UI/UX

Research,
Prototyping,
Testing.

Misc

Versioning tools: (GitHub),
IDE: XCode, Visual Studio Code,
Design tools: Figma, Sketch.

Soft Skills

The Apple Developer Academy experience gave me the opportunity to put to a real test all my social skills:

- working in a team which adopted the **Agile Methodology** and its **Scrum framework**, I learned how to **handle the interaction** between different personalities inside a team, while also **caring about their needs and feelings** through an innately developed emotional intelligence.
- I'm now also a **confident public speaker**, due to being part of multiple product pitch and presentations.